

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Examiner: Not yet assigned.

Hyung Joo KIM *et al.*

Serial No.: 10/509,718

Art Unit: Not yet assigned.

Filed: October 1, 2004

Title: METHOD AND DEVICE FOR DETECTING TOXIC MATERIAL IN  
WATER USING MICROBIAL FUEL CELL

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO  
37 C.F.R. §§1.97(b)**

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56 and pursuant to 37 CFR §§1.97-1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the references listed on the enclosed form PTO/SB/08a. Pursuant to the PTO's waiver of the requirements under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent, we are not submitting copies of the U.S. patents cited. A copy of the cited non-patent literature documents are enclosed.

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Furthermore, Applicant does not waive any right to take any action that would be appropriate to antedate or

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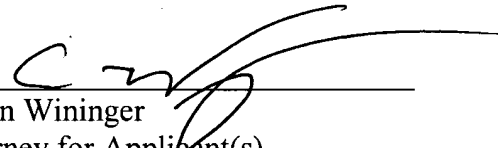
The Examiner is requested to initial the enclosed form PTO/SB/08a and return a copy thereof to the undersigned.

If for any reason an insufficient fee has been paid, please charge the insufficiency to Deposit Account No. 05-0150.

Date: 3/24/01

Respectfully submitted,

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**Complete if Known**

<i>Application Number</i>	10/509,718
<i>Filing Date</i>	October 1, 2004
<i>First Named Inventor</i>	Hyung Joo KIM
<i>Art Unit</i>	
<i>Examiner Name</i>	

***(Use as many sheets as necessary)***

Sheet	1	of	2	Attorney Docket Number	61282.00018
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[illegible][illegible]

Date Considered

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	10/509,718
Filing Date	October 1, 2004
First Named Inventor	Hyung Joo KIM
Art Unit	
Examiner Name	
Attorney Docket Number	61282.00018

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	2	CHAN, Chun-Man <i>et al.</i> , "Monitoring the Toxicity of Phenolic Chemicals to Activated Sludge Using a Novel Optical Scanning Respirometer" <u>Chemospher</u> , Vol. 39, No. 9 pp. 1421-1432, (1999).	
	3	CHITA, Giacomo <i>et al.</i> , "Electrochemical DNA Biosensor for Environmental Monitoring" <u>Analytica Chimica Acta</u> 427, pp. 155-164 (2001).	
	4	GIL, Geun-Cheol <i>et al.</i> , "Operational Parameters Affecting the Performance of a Mediator-Less Microbial Fuel Cell" <u>Biosensors and Bioelectronics</u> 18 pp. 327-334 (2003).	
	5	LAYTON, A.C. <i>et al.</i> , "Validation of Genetically Engineered Bioluminescent Surfactant Resistant Bacteria As Toxicity Assessment Tools" <u>Ecotoxicology and Environmental Safety</u> 43: 222-228 (1999)	
	6	MARRAZZA, Giovanna <i>et al.</i> , "Disposable DNA Electrochemical Biosensors for Environmental Monitoring" <u>Analytica Chimica Acta</u> pp. 297-307 (1999).	
	7	MASCINI, Marco <i>et al.</i> , "DNA Electrochemical Biosensors" <u>Fresenius J. Anal Chem</u> 369: 15-22 (2001).	
	8	POLAK, Monika E. <i>et al.</i> , "Redox Mediated Biosensors Incorporating Cultured Fish Cells for Toxicity Assessment" <u>Biosensors &amp; Bioelectronics</u> Vol. 11, No. 12, pp. 1253-1257 (1996).	
	9	"VAN DER SCHALIE, William H. <i>et al.</i> , "Using Higher Organisms in Biological Early Warning Systems For Real-Time Toxicity Detection" <u>Biosensors &amp; Bioelectronics</u> 16: 457-465 (2001).	

Examiner Signature		Date Considered	
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